FIG_1

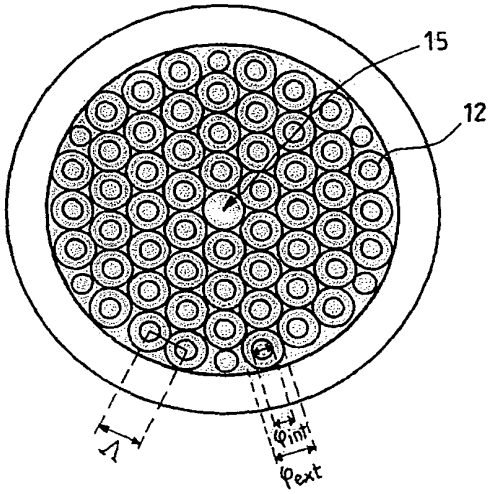
15
12
Λ
φinH
φext

FIG_2

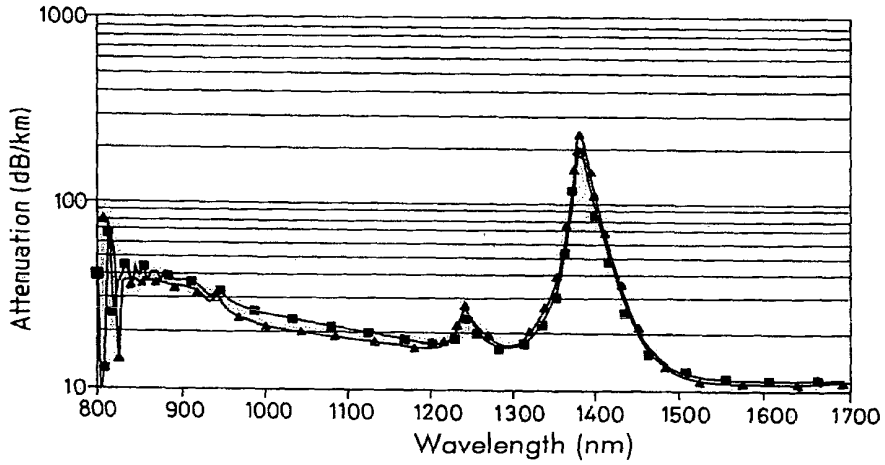
1000
100
10
Attenuation (dB/km)
800
900
1000
1100
1200
1300
1400
1500
1600
1700
Wavelength (nm)

FIG_3

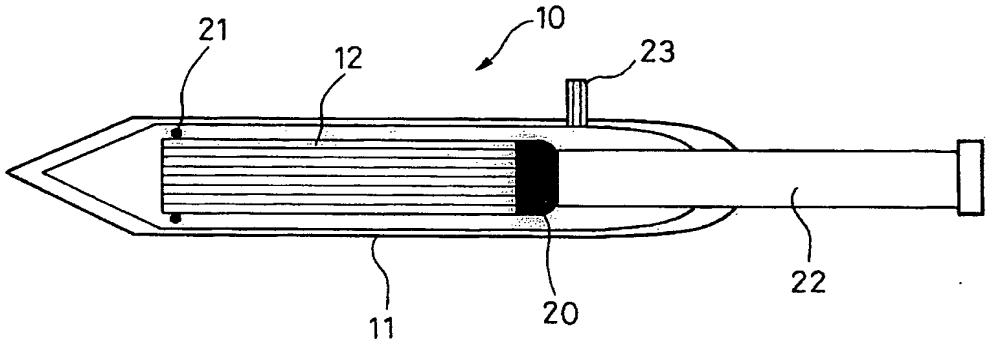
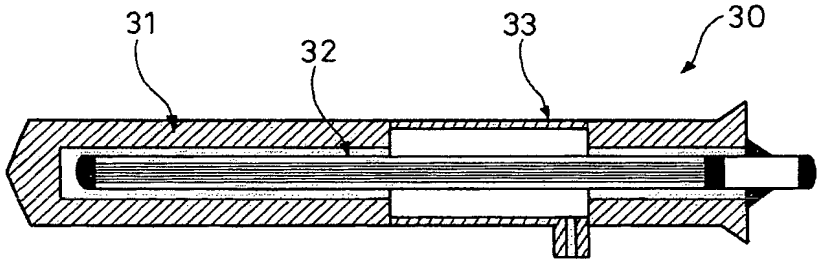
FIG_4